

SPECIFICATION AMENDMENTS

Please amend Paragraph [0052] of the specification to read as follows:

[0052] Production of Human Urothelium. In vitro, primary, undifferentiated cultures of human urothelial cells were established and propagated through serial passage in serum-free, low calcium KSFM (Gibco BRL, Paisley, UK) culture medium, as described by Southgate et al ("Culture of Epithelial Cells", cited above) using donor tissue from a number of human sources. After sufficient cells were generated (after two to four passages), the cells were harvested and seeded into KSFM medium supplemented with 5% by volume foetal bovine serum (FBS). At confluency, the urothelial cells were harvested, and seeded onto Snapwell filters, and maintained in KSFM medium, supplemented with 5% FBS. After 24 hours, the calcium concentration of the medium was increased from 0.09 mM to 2 mM. The phenotype and various ~~fietional~~ functional properties of the urothelial cell cultures were assessed at seven days subsequent to seeding onto the filters. The results of these characterisations are described below.